

(FILE 'HOME' ENTERED AT 09:47:30 ON 03 APR 2004)

FILE 'REGISTRY' ENTERED AT 09:47:43 ON 03 APR 2004

L1           STRUCTURE UPLOADED  
L2           363 S L1 SSS FUL  
L3           STRUCTURE UPLOADED  
L4           STRUCTURE UPLOADED  
L5           0 S L4 SSS FULL  
L6           STRUCTURE UPLOADED  
L7           0 S L6 SSS FUL

FILE 'CAPLUS, USPATFULL' ENTERED AT 10:06:28 ON 03 APR 2004

L8           29 FILE CAPLUS  
L9           16 FILE USPATFULL  
TOTAL FOR ALL FILES  
L10          45 S L2  
L11          1 FILE CAPLUS  
L12          16 FILE USPATFULL  
TOTAL FOR ALL FILES  
L13          17 S L10 AND (SOLUTION)  
L14          1 FILE CAPLUS  
L15          16 FILE USPATFULL  
TOTAL FOR ALL FILES  
L16          17 S L10 AND (AQUEOUS OR HYDROPHILLIC OR WATER)  
L17          2 FILE CAPLUS  
L18          13 FILE USPATFULL  
TOTAL FOR ALL FILES  
L19          15 S L10 AND (PHARMACEUTICAL)  
L20          0 FILE CAPLUS  
L21          13 FILE USPATFULL  
TOTAL FOR ALL FILES  
L22          13 S L19 AND (L13 OR L16)  
L23          3 FILE CAPLUS  
L24          1 FILE USPATFULL  
TOTAL FOR ALL FILES  
L25          4 S US6552016/PN

FILE 'USPATFULL' ENTERED AT 10:21:51 ON 03 APR 2004

L26          1 S L25  
              SELECT L26 1 RN  
L27          19 S E2-E111  
L28          5 S L27 AND L22  
              SAVE ALL L09977966A/L  
              SAVE L22 A09977966/A

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(FILE 'HOME' ENTERED AT 09:47:30 ON 03 APR 2004)

FILE 'REGISTRY' ENTERED AT 09:47:43 ON 03 APR 2004

L1           STRUCTURE UPLOADED  
L2           363 S L1 SSS FUL  
L3           STRUCTURE UPLOADED  
L4           STRUCTURE UPLOADED  
L5           0 S L4 SSS FULL  
L6           STRUCTURE UPLOADED  
L7           0 S L6 SSS FUL

FILE 'CAPLUS, USPATFULL' ENTERED AT 10:06:28 ON 03 APR 2004

L8           29 FILE CAPLUS  
L9           16 FILE USPATFULL  
TOTAL FOR ALL FILES  
L10          45 S L2  
L11          1 FILE CAPLUS  
L12          16 FILE USPATFULL  
TOTAL FOR ALL FILES  
L13          17 S L10 AND (SOLUTION)  
L14          1 FILE CAPLUS  
L15          16 FILE USPATFULL  
TOTAL FOR ALL FILES  
L16          17 S L10 AND (AQUEOUS OR HYDROPHILLIC OR WATER)  
L17          2 FILE CAPLUS  
L18          13 FILE USPATFULL  
TOTAL FOR ALL FILES  
L19          15 S L10 AND (PHARMACEUTICAL)  
L20          0 FILE CAPLUS  
L21          13 FILE USPATFULL  
TOTAL FOR ALL FILES  
L22          13 S L19 AND (L13 OR L16)  
L23          3 FILE CAPLUS  
L24          1 FILE USPATFULL  
TOTAL FOR ALL FILES  
L25          4 S US6552016/PN

FILE 'USPATFULL' ENTERED AT 10:21:51 ON 03 APR 2004

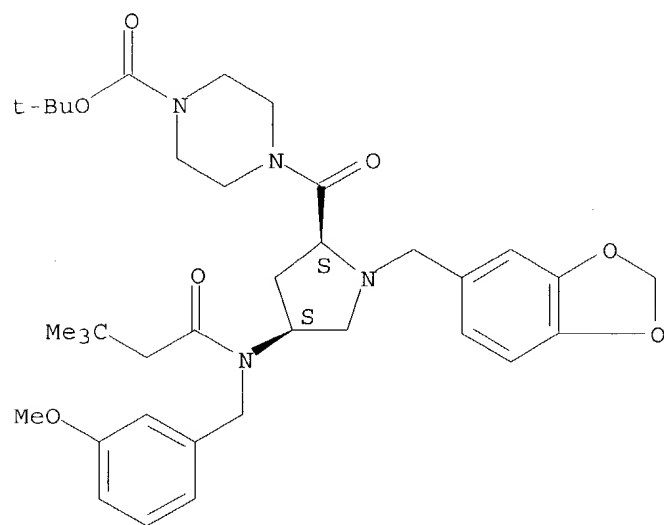
L26          1 S L25  
              SELECT L26 1 RN  
L27          19 S E2-E111  
L28          5 S L27 AND L22  
              SAVE ALL L09977966A/L  
              SAVE L22 A09977966/A  
              SAVE L28 B09977966/A

=>

RN 334999-55-2 USPATFULL

CN 1-Piperazinecarboxylic acid, 4-[[[(2S,4S)-1-(1,3-benzodioxol-5-ylmethyl)-4-  
[(3,3-dimethyl-1-oxobutyl)[(3-methoxyphenyl)methyl]amino]-2-  
pyrrolidinyl]carbonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 1 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2004:31807 USPATFULL  
TITLE: Mediators of hedgehog signaling pathways, compositions  
and uses related thereto  
INVENTOR(S): Baxter, Anthony David, Hertfordshire, UNITED KINGDOM  
Boyd, Edward Andrew, Berkshire, UNITED KINGDOM  
Guicherit, Oivin, Belmont, MA, UNITED STATES  
Price, Stephen, Hertford, UNITED KINGDOM  
Rubin, Lee L., Wellesley, MA, UNITED STATES  
PATENT ASSIGNEE(S): Curis, Inc., Cambridge, MA, UNITED STATES (non-U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004023949	A1	20040205
APPLICATION INFO.:	US 2003-407551	A1	20030404 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-688018, filed on 13 Oct 2000, GRANTED, Pat. No. US 6552016		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-159417P	19991014 (60)
	US 2000-196543P	20000411 (60)
	US 2000-240536P	20001013 (60)
	US 2000-211919P	20000616 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROPES & GRAY LLP, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624	
NUMBER OF CLAIMS:	103	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	48 Drawing Page(s)	
LINE COUNT:	5367	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 2 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:214398 USPATFULL  
TITLE: Pyrimidine and triazine kinase inhibitors  
INVENTOR(S): Erickson, Shawn David, Leonia, NJ, UNITED STATES  
Inglese, James, Lansdale, PA, UNITED STATES  
Letourneau, Jeffrey John, East Windsor, NJ, UNITED  
STATES  
Riviello, Christopher Mark, Morrisville, PA, UNITED  
STATES  
PATENT ASSIGNEE(S): Pharmacoepia, Inc., Princeton, NJ, UNITED STATES (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003149041	A1	20030807
APPLICATION INFO.:	US 2002-186161	A1	20020628 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2000-US35049, filed on 22 Dec 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-173227P	19991228 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HESLIN ROTHENBERG FARLEY & MESITI PC, 5 COLUMBIA CIRCLE, ALBANY, NY, 12203	
NUMBER OF CLAIMS:	18	

EXEMPLARY CLAIM: 1  
LINE COUNT: 1474  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:109101 USPATFULL  
TITLE: Mediators of hedgehog signaling pathways, compositions  
and uses related thereto  
INVENTOR(S): Baxter, Anthony David, Bishops Stortford, UNITED  
KINGDOM  
Boyd, Edward Andrew, Didcot, UNITED KINGDOM  
Guicherit, Oivin M., Belmont, MA, United States  
Price, Stephen, Aylesbury, UNITED KINGDOM  
Rubin, Lee, Wellesley, MA, United States  
PATENT ASSIGNEE(S): Curis, Inc., Cambridge, MA, United States (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6552016	B1	20030422
APPLICATION INFO.:	US 2000-688018		20001013 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-240536P	20001013 (60)
	US 2000-211919P	20000616 (60)
	US 2000-196543P	20000411 (60)
	US 1999-159417P	19991014 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: GRANTED  
PRIMARY EXAMINER: Rao, Deepak  
LEGAL REPRESENTATIVE: Ropes & Gray  
NUMBER OF CLAIMS: 43  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 65 Drawing Figure(s); 48 Drawing Page(s)  
LINE COUNT: 4824  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2003:30870 USPATFULL  
TITLE: Angiogenesis-modulating compositions and uses  
INVENTOR(S): Ling, Leona E., Winchester, MA, UNITED STATES  
Sanicola-Nadel, Michele, Winchester, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003022819	A1	20030130
APPLICATION INFO.:	US 2001-883848	A1	20010618 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-211919P	20000616 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: ROPES & GRAY, ONE INTERNATIONAL PLACE, BOSTON, MA,  
02110-2624  
NUMBER OF CLAIMS: 34  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 2 Drawing Page(s)  
LINE COUNT: 8945  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:338243 USPATFULL

TITLE: Anthranilic acid derivatives as inhibitors of the  
CGMP-phosphodiesterase

INVENTOR(S): Oku, Teruo, Tokyo, JAPAN  
Oku, Noriko, Tokyo, JAPAN LR  
Oku, Chikako, Tokyo, JAPAN LR  
Oku, Tomohito, Tokyo, JAPAN LR  
Sawada, Kozo, Tsukuba-shi, JAPAN  
Kuroda, Akio, Tsukuba-shi, JAPAN  
Inoue, Takayuki, Tsukuba-shi, JAPAN  
Kayakiri, Natsuko, Osaka, JAPAN  
Sawada, Yuki, Ushiku-shi, JAPAN  
Mizutani, Tsuyoshi, Tsukuba-shi, JAPAN

PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co. Ltd., Osaka-shi, JAPAN,  
541-8514 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002193614	A1	20021219
APPLICATION INFO.:	US 2002-50789	A1	20020118 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-509541, filed on 23 Apr 2001, GRANTED, Pat. No. US 6384080		

	NUMBER	DATE
PRIORITY INFORMATION:	AU 1998-3085	19980420
	AU 1998-5851	19980911
	AU 1998-7781	19981218
	WO 1999-JP2028	19990415
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC, FOURTH FLOOR, 1755 JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA, 22202	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	5983	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 6 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:295175 USPATFULL

TITLE: Mediators of hedgehog signaling pathways, compositions  
and uses related thereto

INVENTOR(S): Baxter, Anthony David, Hertfordshire, UNITED KINGDOM  
Boyd, Edward Andrew, Oxfordshire, UNITED KINGDOM  
Guicherit, Oivin M., Belmont, MA, UNITED STATES  
Price, Stephen, Buckinghamshire, UNITED KINGDOM  
Rubin, Lee L., Wellesley, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002165221	A1	20021107
APPLICATION INFO.:	US 2001-977096	A1	20011012 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-240536P	20001013 (60)
	US 2000-240564P	20001013 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROPES & GRAY, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624	
NUMBER OF CLAIMS:	92	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	58 Drawing Page(s)	

LINE COUNT: 5140  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:273376 USPATFULL  
TITLE: STAT modulators  
INVENTOR(S): Huang, Alan, San Mateo, CA, UNITED STATES  
Liu, Jiwen, Belmont, CA, UNITED STATES  
Medina, Julio, San Carlos, CA, UNITED STATES  
Wang, Xuemei, San Bruno, CA, UNITED STATES  
Xu, Feng, Palo Alto, CA, UNITED STATES  
Zhu, Liusheng, Burlingame, CA, UNITED STATES  
PATENT ASSIGNEE(S): Tularik Inc., South San Francisco, CA, 94080 (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002151504	A1	20021017
APPLICATION INFO.:	US 2001-8244	A1	20011107 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-246876P	20001108 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	TOWNSEND AND TOWNSEND AND CREW, LLP, TWO EMBARCADERO CENTER, EIGHTH FLOOR, SAN FRANCISCO, CA, 94111-3834	
NUMBER OF CLAIMS:	104	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	2353	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:251794 USPATFULL  
TITLE: N- heterocyclic inhibitors of TNF-alpha expression  
INVENTOR(S): Moriarty, Kevin Joseph, Norristown, PA, UNITED STATES  
Shimshock, Yvonne, Hillsborough, NJ, UNITED STATES  
Ahmed, Gulzar, Yardley, PA, UNITED STATES  
Wu, Junjun, Malden, MA, UNITED STATES  
Wen, James, Dayton, NJ, UNITED STATES  
Li, Wei, Acton, MA, UNITED STATES  
Erickson, Shawn David, Leonia, NJ, UNITED STATES  
Letourneau, Jeffrey John, East Windsor, NJ, UNITED  
STATES  
McDonald, Edward, Banstead, UNITED KINGDOM  
Leftheris, Katerina, Skillman, NJ, UNITED STATES  
Wroblewski, Stephen T., Whitehouse Station, NJ, UNITED  
STATES  
Hussain, Zahid, Monmouth Junction, NJ, UNITED STATES  
Henderson, Ian, Hopewell, NJ, UNITED STATES  
Metzger, Axel, East Windsor, NJ, UNITED STATES  
Baldwin, John J., Gwynedd Valley, PA, UNITED STATES  
Dyckman, Alaric J., Lawrenceville, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002137747	A1	20020926
APPLICATION INFO.:	US 2001-891750	A1	20010626 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-747195, filed on 22 Dec 2000, PENDING		

NUMBER	DATE
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PRIORITY INFORMATION: US 1999-173227P 19991228 (60)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Marla J. Mathias, Bristol-Myers Squibb Company, Patent  
Department, P.O. Box 4000, Princeton, NJ, 08543-4000  
NUMBER OF CLAIMS: 51  
EXEMPLARY CLAIM: 1  
LINE COUNT: 3499  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:199072 USPATFULL  
TITLE: Macrocyclic NS3-serine protease inhibitors of hepatitis  
C virus comprising N-cyclic P2 moieties  
INVENTOR(S): Chen, Kevin X., Piscataway, NJ, UNITED STATES  
Arasappan, Ashok, Bridgewater, NJ, UNITED STATES  
Venkatraman, Srikanth, Fords, NJ, UNITED STATES  
Parekh, Tejal, Woodbridge, NJ, UNITED STATES  
Gu, Haining, Minhang, CHINA  
Njoroge, F. George, Union, NJ, UNITED STATES  
Girijavallabhan, Viyyoor Moopil, Parsippany, NJ, UNITED  
STATES  
Ganguly, Ashit, Upper Montclair, NJ, UNITED STATES  
Saksena, Anil, Upper Montclair, NJ, UNITED STATES  
Jao, Edwin, Warren, NJ, UNITED STATES  
Yao, Nanhua Hugh, Edison, NJ, UNITED STATES  
Prongay, Andrew Joseph, Stewartsville, NJ, UNITED  
STATES  
Madison, Vincent Stewart, Mountain Lakes, NJ, UNITED  
STATES  
Vibulbhan, Bancha, Kenilworth, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002107181	A1	20020808
APPLICATION INFO.:	US 2001-825399	A1	20010403 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-194607P	20000405 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SCHERING-PLOUGH CORPORATION, PATENT DEPARTMENT (K-6-1, 1990), 2000 GALLOPING HILL ROAD, KENILWORTH, NJ, 07033-0530	
NUMBER OF CLAIMS:	36	
EXEMPLARY CLAIM:	1	
LINE COUNT:	4385	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 10 OF 19 USPATFULL on STN

ACCESSION NUMBER: 2002:129983 USPATFULL  
TITLE: Efflux pump inhibitors  
INVENTOR(S): Chamberland, Suzanne, Los Gatos, CA, United States  
Ishida, Yohei, Tokyo, JAPAN  
Lee, Ving J, Los Altos, CA, United States  
Leger, Roger, Mountain View, CA, United States  
Nakayama, Kiyoshi, Chiba, JAPAN  
Ohta, Toshiharu, Tokyo, JAPAN  
Ohtsuka, Masami, Tokyo, JAPAN  
Renau, Thomas E., Santa Clara, CA, United States  
Watkins, William J., Sunnyvale, CA, United States  
Zhang, Zhijia J., Foster City, CA, United States  
PATENT ASSIGNEE(S): Microcide Pharmaceuticals, Inc., Mountain View, CA,



United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6399629	B1	20020604
APPLICATION INFO.:	US 1998-108906		19980701 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-87514P	19980601 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Lambkin, Deborah C.	
LEGAL REPRESENTATIVE:	Lyon & Lyon LLP	
NUMBER OF CLAIMS:	59	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	8273	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 2002:126753 USPATFULL  
TITLE: N-heterocyclic inhibitors of TNF-alpha expression  
INVENTOR(S): Moriarty, Kevin Joseph, Norristown, PA, UNITED STATES  
Shimshock, Yvonne, Hillsborough, NJ, UNITED STATES  
Ahmed, Gulzar, Yardley, PA, UNITED STATES  
Wu, Junjun, Malden, MA, UNITED STATES  
Wen, James, Dayton, NJ, UNITED STATES  
Li, Wei, Acton, MA, UNITED STATES  
Erickson, Shawn David, Leonia, NJ, UNITED STATES  
Letourneau, Jeffrey John, East Windsor, NJ, UNITED STATES  
McDonald, Edward, Surrey, UNITED KINGDOM  
Leftheris, Katerina, Skillman, NJ, UNITED STATES  
Wrobleski, Stephen T., Whitehouse Station, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002065270	A1	20020530
APPLICATION INFO.:	US 2000-747195	A1	20001222 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-173227P	19991228 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MARLA J MATHIAS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	41	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2868	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 2002:102529 USPATFULL  
TITLE: Anthranilic acid derivatives as inhibitors of the cGMP-phosphodiesterase  
INVENTOR(S): Oku, Teruo, late of Tokyo, JAPAN deceasedess,ess,  
Tomohito Oku, United States heir  
Sawada, Kozo, Tsukuba, JAPAN  
Kuroda, Akio, Tsukuba, JAPAN  
Inoue, Takayuki, Tsukuba, JAPAN  
Kayakiri, Natsuko, Suita, JAPAN

PATENT ASSIGNEE(S): Sawada, Yuki, Ushiku, JAPAN  
Mizutani, Tsuyoshi, Tsukuba, JAPAN  
Fujisawa Pharmaceutical Co., Ltd., Osaka, JAPAN  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6384080	B1	20020507
	WO 9954284		19991028
APPLICATION INFO.:	US 2001-509541		20010423 (9)
	WO 1999-JP2028		19990415
			20010423 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	AU 1998-3085	19980420
	AU 1998-5851	19980911
	AU 1998-7781	19981218
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Owens, Amelia	
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	5428	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 13 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 2000:153733 USPATFULL  
TITLE: Pyrrolidine derivatives having phospholipase A.sub.2  
inhibitory activity  
INVENTOR(S): Seno, Kaoru, Hyogo, Japan  
Ohtani, Mitsuaki, Nara, Japan  
Watanabe, Fumihiko, Nara, Japan  
PATENT ASSIGNEE(S): Shionogi & Co., Ltd., Osaka, Japan (non-U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6147100		20001114
	WO 9833797		19980608
APPLICATION INFO.:	US 1999-355008		19990722 (9)
	WO 1998-JP307		19980127
			19990722 PCT 371 date
			19990722 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-17962	19970131
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Gerstl, Robert	
LEGAL REPRESENTATIVE:	Foley & Lardner	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	3956	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 14 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 1999:43614 USPATFULL  
TITLE: Basic oxazoline-amide derivatives of GE2270 and  
GE2270-like antibiotics  
INVENTOR(S): Lociuero, Sergio, Verona, Italy

Seneci, Pierfausto, Desenzano del Garda, Italy  
Ciabatti, Romeo, Novate Milanese, Italy  
PATENT ASSIGNEE(S): Biosearch Italia, S.p.A., Italy (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5891869		19990406
	WO 9624608		19960815
APPLICATION INFO.:	US 1997-875715		19970731 (8)
	WO 1996-EP425		19960201
			19970731 PCT 371 date
			19970731 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1995-101596	19950207
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Daus, Donald G.	
LEGAL REPRESENTATIVE:	Killworth, Gottman, Hagan & Schaeff, L.L.P.	
NUMBER OF CLAIMS:	47	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1999	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 15 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 96:38923 USPATFULL  
TITLE: Pyrrolidine derivatives  
INVENTOR(S): Setoi, Hiroyuki, Tsukuba, Japan  
Sawada, Akihiko, Tsukuba, Japan  
Tanaka, Hirokazu, Tsukuba, Japan  
Hashimoto, Masashi, Tsukuba, Japan  
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Osaka, Japan  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5514701		19960507
APPLICATION INFO.:	US 1993-95350		19930723 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1992-843196, filed on 28 Feb 1992, now patented, Pat. No. US 5264453 which is a division of Ser. No. US 1989-421399, filed on 13 Oct 1989, now patented, Pat. No. US 5130323		

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1988-25454	19881031
	GB 1989-8387	19890413
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Wu, Shean C.	
ASSISTANT EXAMINER:	Scalzo, Catherine Kilby	
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt	
NUMBER OF CLAIMS:	5	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1805	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 16 OF 19 USPATFULL on STN  
ACCESSION NUMBER: 94:71037 USPATFULL  
TITLE: N-sulfonylindoline derivatives, their preparation and the pharmaceutical compositions in which they are present  
INVENTOR(S): Wagnon, Jean, Montpellier, France

de Cointet, Paul, Toulouse, France  
 Nisato, Dino, Saint Georges D'Orques, France  
 Plouzane, Claude, Saint Georges D'Orques, France  
 Serradeil-Legal, Claudine, Escalquens, France  
 Tonnerre, Bernard, Vailhauques, France  
 PATENT ASSIGNEE(S): Elf Sanofi, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5338755		19940816
APPLICATION INFO.:	US 1992-923839		19920803 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-737655, filed on 30 Jul 1991, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1990-9778	19900731
	FR 1991-9908	19910802
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Cintins, Marianne M.	
ASSISTANT EXAMINER:	Spivack, Phyllis	
LEGAL REPRESENTATIVE:	Bacon & Thomas	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 6 Drawing Page(s)	
LINE COUNT:	3727	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L28 ANSWER 1 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2004:31807 USPATFULL  
TITLE: Mediators of hedgehog signaling pathways, compositions  
and uses related thereto  
INVENTOR(S): Baxter, Anthony David, Hertfordshire, UNITED KINGDOM  
Boyd, Edward Andrew, Berkshire, UNITED KINGDOM  
Guicherit, Oivin, Belmont, MA, UNITED STATES  
Price, Stephen, Hertford, UNITED KINGDOM  
Rubin, Lee L., Wellesley, MA, UNITED STATES  
PATENT ASSIGNEE(S): Curis, Inc., Cambridge, MA, UNITED STATES (non-U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004023949	A1	20040205
APPLICATION INFO.:	US 2003-407551	A1	20030404 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-688018, filed on 13 Oct 2000, GRANTED, Pat. No. US 6552016		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-159417P	19991014 (60)
	US 2000-196543P	20000411 (60)
	US 2000-240536P	20001013 (60)
	US 2000-211919P	20000616 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROPES & GRAY LLP, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624	
NUMBER OF CLAIMS:	103	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	48 Drawing Page(s)	
LINE COUNT:	5367	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L28 ANSWER 2 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2003:109101 USPATFULL  
TITLE: Mediators of hedgehog signaling pathways, compositions  
and uses related thereto  
INVENTOR(S): Baxter, Anthony David, Bishops Stortford, UNITED  
KINGDOM  
Boyd, Edward Andrew, Didcot, UNITED KINGDOM  
Guicherit, Oivin M., Belmont, MA, United States  
Price, Stephen, Aylesbury, UNITED KINGDOM  
Rubin, Lee, Wellesley, MA, United States  
PATENT ASSIGNEE(S): Curis, Inc., Cambridge, MA, United States (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6552016	B1	20030422
APPLICATION INFO.:	US 2000-688018		20001013 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-240536P	20001013 (60)
	US 2000-211919P	20000616 (60)
	US 2000-196543P	20000411 (60)
	US 1999-159417P	19991014 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Rao, Deepak	

LEGAL REPRESENTATIVE: Ropes & Gray  
NUMBER OF CLAIMS: 43  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 65 Drawing Figure(s); 48 Drawing Page(s)  
LINE COUNT: 4824  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L28 ANSWER 3 OF 5 USPATFULL on STN  
ACCESSION NUMBER: 2003:30870 USPATFULL  
TITLE: Angiogenesis-modulating compositions and uses  
INVENTOR(S): Ling, Leona E., Winchester, MA, UNITED STATES  
Sanicola-Nadel, Michele, Winchester, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003022819	A1	20030130
APPLICATION INFO.:	US 2001-883848	A1	20010618 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-211919P	20000616 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROPES & GRAY, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624	
NUMBER OF CLAIMS:	34	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	8945	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L28 ANSWER 4 OF 5 USPATFULL on STN  
ACCESSION NUMBER: 2002:295175 USPATFULL  
TITLE: Mediators of hedgehog signaling pathways, compositions  
and uses related thereto  
INVENTOR(S): Baxter, Anthony David, Hertfordshire, UNITED KINGDOM  
Boyd, Edward Andrew, Oxfordshire, UNITED KINGDOM  
Guicherit, Oivin M., Belmont, MA, UNITED STATES  
Price, Stephen, Buckinghamshire, UNITED KINGDOM  
Rubin, Lee L., Wellesley, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002165221	A1	20021107
APPLICATION INFO.:	US 2001-977096	A1	20011012 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-240536P	20001013 (60)
	US 2000-240564P	20001013 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROPES & GRAY, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624	
NUMBER OF CLAIMS:	92	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	58 Drawing Page(s)	
LINE COUNT:	5140	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L28 ANSWER 5 OF 5 USPATFULL on STN  
ACCESSION NUMBER: 94:71037 USPATFULL  
TITLE: N-sulfonylindoline derivatives, their preparation and  
the **pharmaceutical** compositions in which they

are present  
INVENTOR(S): Wagnon, Jean, Montpellier, France  
de Cointet, Paul, Toulouse, France  
Nisato, Dino, Saint Georges D'Orques, France  
Plouzane, Claude, Saint Georges D'Orques, France  
Serradeil-Legal, Claudine, Escalquens, France  
Tonnerre, Bernard, Vailhauques, France  
PATENT ASSIGNEE(S): Elf Sanofi, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5338755		19940816
APPLICATION INFO.:	US 1992-923839		19920803 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-737655, filed on 30 Jul 1991, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1990-9778	19900731
	FR 1991-9908	19910802
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Cintins, Marianne M.	
ASSISTANT EXAMINER:	Spivack, Phyllis	
LEGAL REPRESENTATIVE:	Bacon & Thomas	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	6 Drawing Figure(s); 6 Drawing Page(s)	
LINE COUNT:	3727	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

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sulfonylindoline derivs. with affinity for vasopressin and  
oxytocin receptors)

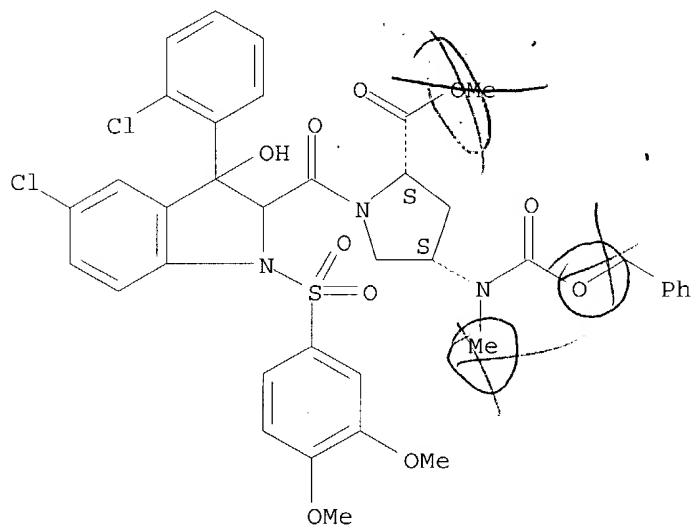
IT 149152-06-7P

(preparation of N-sulfonylindoline derivs. with affinity for vasopressin and  
oxytocin receptors)

RN 149152-06-7 USPATFULL

CN L-Proline, 1-[[5-chloro-3-(2-chlorophenyl)-1-[(3,4-  
dimethoxyphenyl)sulfonyl]-2,3-dihydro-3-hydroxy-1H-indol-2-yl]carbonyl]-  
4-[methyl[(phenylmethoxy)carbonyl]amino]-, methyl ester, cis- (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



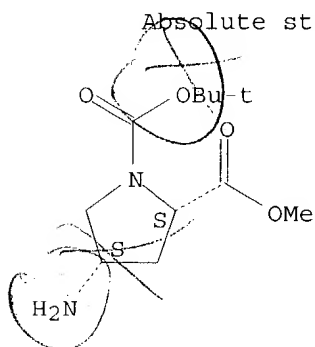
IT 121148-01-4

(preparation of N-sulfonylindoline derivs. with affinity for vasopressin and  
oxytocin receptors)

RN 121148-01-4 USPATFULL

CN 1,2-Pyrrolidinedicarboxylic acid, 4-amino-, 1-(1,1-dimethylethyl) 2-methyl  
ester, (2S,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 149152-69-2P 149152-70-5P

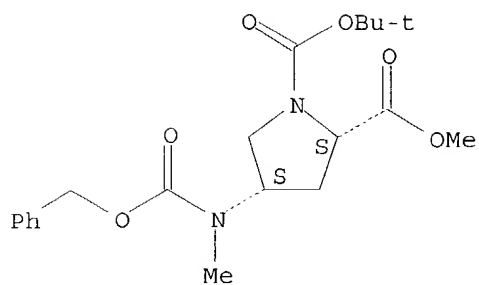
(preparation of N-sulfonylindoline derivs. with affinity for vasopressin and  
oxytocin receptors)

RN 149152-69-2 USPATFULL

CN 1,2-Pyrrolidinedicarboxylic acid, 4-[methyl[(phenylmethoxy)carbonyl]amino]-  
, 1-(1,1-dimethylethyl) 2-methyl ester, (2S-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

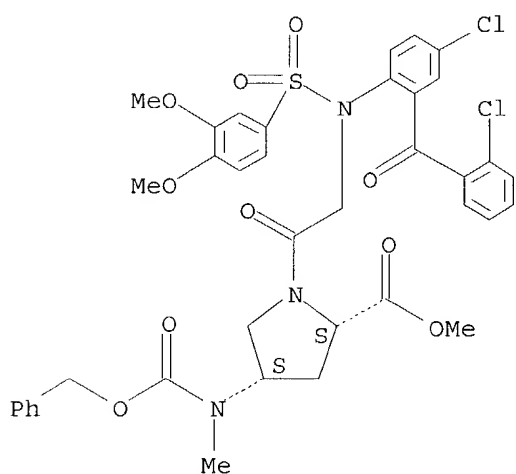




RN 149152-70-5 USPATFULL

CN L-Proline, 1- [N- [4-chloro-2- (2-chlorobenzoyl)phenyl] -N- [(3,4- dimethoxyphenyl)sulfonyl]glycyl] -4- [methyl [(phenylmethoxy)carbonyl] amino ]-, methyl ester, cis- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



PI US 5338755

19940816

=>

L10 ANSWER 4 OF 6 USPATFULL on STN

DETD . . . containing an hedgehog antagonist preparation into the anterior chamber of the eye after lens removal. Furthermore, the solution can be **osmotically** balanced to provide minimal effective dosage when instilled into the anterior chamber of the eye, thereby inhibiting subcapsular epithelial growth. . . .

DETD [0458] In certain embodiments, an aqueous solution may contain solutes to result in an **osmolarity** between 200 and 400 mOsm, preferably between 250 and 350 **Osm**, even more preferably between 280 and 300 mOsm, such as 290 mOsm.

DETD . . . about 5 mM to about 15 mM, and sufficient pharmaceutically acceptable solutes, such as sodium chloride, to result in an **osmolarity** between about 200 and 400 mOsm, preferably between 250 and 350 **Osm**, even more preferably between 280 and 300 mOsm. In certain embodiments, the aqueous solution is substantially free of a carbohydrate. . . .

CLM What is claimed is:

14. The formulation of claim 1, wherein the aqueous solution has an **osmolarity** between 200 and 400 mOsm.

29. The formulation of claim 17, wherein the aqueous solution has an **osmolarity** between 200 and 400 mOsm.

44. The formulation of claim 36, wherein the aqueous solution has an **osmolarity** between 200 and 400 mOsm.

56. The formulation of claim 47, wherein the aqueous solution has an **osmolarity** between 200 and 400 mOsm.

74. The formulation of claim 63, wherein the aqueous solution has an **osmolarity** between 200 and 400 mOsm.

89. The formulation of claim 79, wherein the aqueous solution has an **osmolarity** between 200 and 400 mOsm.